

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| S1    | 134  | (taylor scott).in.   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/14<br>17:42 |
| S2    | 14   | S1 and satellite   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/14<br>17:43 |
| S3    | 0    | "2006408180".pn.   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/14<br>17:58 |
| S4    | 1    | "6408180".pn.  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/14<br>17:58 |
| S5    | 4    | boeing.as. and (satellite and boundary and time).clm.  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/14<br>18:12 |
| S6    | 2    | "6483458".pn. or "7099665".pn.   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/14<br>18:18 |
| S8    | 1    | "10352306"   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/15<br>10:22 |
| S9    | 20   | ("20010041539"   "20020087992"   "20020160733"  <br>"20020168971"   "20020170060"   "5557656"  <br>"5956644"   "6018659"   "6061562"   "6108523"  <br>"6163681"   "6167239"   "6173159"   "6192240"  <br>"6201797"   "6253067"   "6285878"   "6392692"  <br>"6449287"   "6590875").PN. | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/10/15<br>10:27 |
| S12   | 2    | "6192240".pn. or "5956644".pn.   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2009/10/15<br>17:46 |
| S13   | 13   | ("5161248"   "5222248"   "5287552"   "5373548"  <br>"5465389").PN. OR ("6192240").URPN.  | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/10/15<br>17:46 |
| S14   | 7    | "20020168971".pn. or "6192240".pn. or "5956644".pn.<br>or "5557656".pn. or "7072641".pn. or "6745028".pn.<br>or "5161248".pn.  | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2009/10/16<br>09:55 |

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|-----|--------|--|---|-----|----|---------------------|
| S15 | 0      | S14 and (look up or link list or linked list)  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/10/16<br>12:03 |
| S17 | 1      | (link list or linked list) with look up table same coordinate  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/10/16<br>14:29 |
| S18 | 12     | (link list or linked list) with look up table with database  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/10/16<br>14:29 |
| S20 | 4      | S14 and signal strength  | US-PGPUB;<br>USPAT  | ADJ | ON | 2009/10/16<br>15:55 |
| S21 | 6      | (US-20020168971-\$).did. or (US-6745028-\$ or US-6434682-\$ or US-7072641-\$ or US-6192240-\$ or US-5956644-\$).did.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/01/19<br>10:07 |
| S22 | 2      | S21 and (altitude or height)   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/01/19<br>10:07 |
| S23 | 2      | "5557656".pn. or "5161248".pn.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/03/30<br>15:44 |
| S24 | 2      | "6483458".pn. or "7099665".pn.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/03/30<br>16:11 |
| S25 | 24     | ("5161248"   "5367304"   "5408237"   "5432842"   "5444450"   "5483664"   "5500648"   "5551058"   "5551624"   "5561838"   "5574660"   "5678174"   "5790954"   "5822680"   "5871181"   "5952969"   "6072768"   "6192240"   "6587687").PN. OR ("6745028").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/03/30<br>16:56 |
| S26 | 14     | S25 and (height or altitude)   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/03/30<br>16:57 |
| S28 | 295834 | satellite  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>18:41 |

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| S30 | 3397933  | plane or airplane or aeroplane or helicopter or platform or aerial or airborne  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>18:46 |
| S32 | 11409891 | cell or cover\$4 or boundary or region or area or perimeter   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>18:51 |
| S34 | 1177672  | (height or altitude) and (position or (latitude and longitude))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>18:53 |
| S35 | 12071478 | proximity or time or distance   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>18:55 |
| S42 | 18883    | satellite and (plane or airplane or aeroplane or helicopter or platform or aerial or airborne) and (cell or cover\$4 or boundary or region or area or perimeter) and ((height or altitude) and (position or (latitude and longitude))) and (proximity or time or distance)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>19:02 |
| S43 | 1224     | satellite with (cell or cover\$4 or boundary or region or area or perimeter) and (plane or airplane or aeroplane or helicopter or platform or aerial or airborne) and ((height or altitude) with (position or (latitude and longitude))) and (proximity or time or distance) with (cell or cover\$4 or boundary or region or area or perimeter) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>19:05 |

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| S44 | 14    | S43 and (height or altitude) with (cone or conical)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/30<br>19:12 |
| S45 | 4     | ("2002/0168971").URPN.  | USPAT   | ADJ | ON | 2010/03/31<br>10:11 |
| S46 | 0     | S45 and (height or altitude or cone or conical)   | USPAT   | ADJ | ON | 2010/03/31<br>10:12 |
| S47 | 1521  | satellite with (cell or cover\$4 or boundary or region or area or perimeter) and (plane or airplane or aeroplane or helicopter or platform or aerial or airborne or mobile) and ((height or altitude) with (position or (latitude and longitude))) and (proximity or time or distance) with (cell or cover\$4 or boundary or region or area or perimeter)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/31<br>11:20 |
| S51 | 17136 | 455/427,428,429,431,440,456.1,456.6.ccls. or 370/316,328,331,332.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/03/31<br>12:11 |
| S52 | 177   | S47 and S51   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/03/31<br>12:11 |
| S53 | 8792  | (701/204,207,208,213,225.ccls. or 342/357.15.ccls. or 455/12.1.ccls.) not S52   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/03/31<br>16:10 |
| S55 | 1542  | satellite with (cell or cover\$4 or boundary or region or area or perimeter) and (plane or airplane or aeroplane or helicopter or platform or aerial or airborne or mobile or aircraft) and ((height or altitude) with (position or (latitude and longitude))) and (proximity or time or distance) with (cell or cover\$4 or boundary or region or area or perimeter) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/31<br>16:23 |
| S56 | 247   | S55 and S53   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/03/31<br>16:23 |

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| S58 | 1495516 | (cell or cover\$4 or boundary or region or area or perimeter) with (height or altitude or position) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/31<br>17:45 |
| S59 | 1181    | S55 and S58   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/31<br>17:46 |
| S60 | 256279  | (cell or cover\$4 or boundary or region or area or perimeter) with (height or altitude)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/31<br>17:46 |
| S61 | 227     | S55 and S60   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/03/31<br>17:46 |
| S62 | 2       | "5557656".pn. or "5574660".pn.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/04/01<br>09:55 |
| S63 | 8       | rockwell.as. and satellite and aircraft and coverage and (height or altitude or elevation)          | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/04/01<br>15:30 |
| S64 | 57      | ("4706198"   "4866524"   "5760819"   "5790175"   "5790198"   "5801751").PN. OR ("5990928").URPN.    | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/04/01<br>15:30 |
| S65 | 35      | S64 and (height or altitude or elevation)   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/04/01<br>15:33 |
| S66 | 17      | S64 and (height or altitude or elevation) same (cone or conical or coverage or beam or spread)      | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/04/01<br>15:39 |

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| S67 | 1       | "6816705".pn.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/04/01<br>18:10 |
| S68 | 9       | rockwell.as. and satellite and aircraft and coverage and<br>signal strength                   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/04/02<br>16:20 |
| S69 | 0       | rockwell.as. and satellite and aircraft and coverage and<br>signal strength with map\$4       | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/04/02<br>16:22 |
| S70 | 2579701 | plane or airplane or aeroplane or helicopter or platform<br>or aerial or airborne or aircraft | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/04/02<br>16:25 |
| S71 | 1209    | signal strength with map\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/04/02<br>16:25 |
| S72 | 296234  | satellite   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/04/02<br>16:25 |
| S73 | 955787  | directtv or television or tv or broadcast   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/04/02<br>16:26 |
| S74 | 25      | S72 same S73 and S70 and S71  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/04/02<br>16:27 |
| S75 | 1       | "7072641".pn.   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/08/16<br>13:27 |

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| S76 | 88621   | signal strength   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/16<br>13:38 |
| S77 | 2642675 | plane or airplane or aeroplane or helicopter or platform<br>or aerial or airborne or aircraft | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/08/16<br>13:38 |
| S78 | 309718  | satellite   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/16<br>13:38 |
| S79 | 989446  | directtv or television or tv or broadcast   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/16<br>13:38 |
| S80 | 2125    | S78 same S79 and S77 and S76  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/16<br>13:38 |
| S81 | 910     | S78 same S79 and S77 and S76 same (location or area<br>or region or zone)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/16<br>14:24 |

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| S82 | 541     | S78 same S79 and S77 and S76 with (location or area or region or zone)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/16<br>14:24 |
| S83 | 88707   | signal strength  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>10:58 |
| S84 | 2644117 | plane or airplane or aeroplane or helicopter or platform or aerial or airborne or aircraft | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/08/17<br>10:58 |
| S85 | 309996  | satellite  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>10:58 |
| S86 | 989921  | directtv or television or tv or broadcast  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>10:58 |
| S87 | 1       | S85 same S86 and S84 and S83 same fade area  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>10:58 |



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| S88 | 1  | S85 and S84 and S83 same fade area   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>10:59 |
| S89 | 6  | S85 and S84 and fade area  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>10:59 |
| S90 | 1  | "10352306"   | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/08/17<br>11:02 |
| S91 | 20 | ("20010041539"   "20020087992"   "20020160733"  <br>"20020168971"   "20020170060"   "5557656"  <br>"5956644"   "6018659"   "6061562"   "6108523"  <br>"6163681"   "6167239"   "6173159"   "6192240"  <br>"6201797"   "6253067"   "6285878"   "6392692"  <br>"6449287"   "6590875").PN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2010/08/17<br>11:03 |
| S92 | 21 | S85 and fade area  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>11:22 |
| S93 | 6  | S91 and (fade or signal near2 strength)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/08/17<br>11:32 |
| S94 | 1  | "6810527".pn.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2010/11/23<br>11:45 |
| S95 | 1  | "6810527".pn.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2011/02/02<br>13:40 |

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|-----|---|-------------|--------------------|-----|----|---------------------|
| S98 | 1 | "10/768156" | US-PGPUB;<br>USPAT | ADJ | ON | 2011/04/11<br>12:29 |
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EAST Search History (Interference)

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5/ 17/ 2011 7:35:22 PM  
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